

Winter Review: Plants and Ecosystems

Week 20 • Monday • Life Science

Reading Time

This winter we became life scientists! We learned so much about living things. Let's remember it all.

First we studied plants. Plants need sunlight, water, air, and soil to grow. A plant has roots, a stem, leaves, and flowers. Roots drink water from the soil. The stem carries water up. Leaves catch sunlight to make food. Flowers make seeds for new plants.

Then we learned about ecosystems. An ecosystem is a habitat plus all its living and non-living parts. Plants are producers. Animals are consumers. Everything in an ecosystem depends on everything else. Remember your terrarium? It is a tiny ecosystem in a jar!

Review Questions

1. What four things do plants need to grow?

2. Which plant part drinks water from the soil?

3. Which plant part makes food from sunlight?

4. What are the two kinds of parts in an ecosystem?

Vocabulary Review Grid

Write what each word means. These are all from this winter!

roots _____	stem _____
leaves _____	seed _____
ecosystem _____	producer _____

Plant Parts and Growth

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Plant Parts Match

Draw a line from each plant part to its job.

Plant Part		Its Job
roots		catch sunlight to make food
stem		make seeds for new plants
leaves		drink water from the soil
flowers		carry water up the plant

How a Plant Grows

Number these steps from 1 to 4.

Step	Number (1-4)
The plant grows flowers and makes new seeds.	
A seed is planted in the soil.	
A small sprout pushes up out of the soil.	
The sprout grows a stem and leaves.	

True or False

Statement	T	F
Plants need sunlight to make food.	T	F
Roots catch sunlight for the plant.	T	F
An ecosystem has living and non-living parts.	T	F
Plants are consumers.	T	F
A seed can grow into a new plant.	T	F
A terrarium is a tiny ecosystem.	T	F

Drawing

Draw a plant. Label the roots, stem, leaves, and flower.

Ecosystem Connections

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Fill in the Blanks

Word Bank:

- sunlight
- roots
- producers
- consumers
- ecosystem
- seeds

1. Plants need water, air, soil, and _____.
2. The _____ hold the plant in the ground.
3. Flowers make _____ for new plants.
4. Plants are _____ because they make food.
5. Animals are _____ because they eat food.
6. A habitat plus its living things is an _____.

Ecosystem Connections Chart

Finish each sentence to show how things are connected.

This...	needs this...	because...
a plant		
a rabbit		
a bee		

Challenge

Look at your terrarium from Week 18. How is it doing? What changed?

Science Journal

What was your favorite thing you learned about plants this winter?